Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Friday 08 Jan 2021 until 23:59 on Saturday 09 Jan 2021

Forecast Issued on Friday 08 Jan 2021 at 02:08

Confidence: Some uncertainty in the timing of drier conditions this morning. High for somewhat less cold weather in the next few days with rain at times.

Headline for Friday 08 Jan 2021: Snow dying out this morning, dry this afternoon. Very cold.

Mountain weather hazards on Friday 08 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
High Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Light snow	Sunny intervals	Sunny intervals	Clear night	Clear night
Precipitation probability					
40%	30%	10%	00%	10%	10%

Forecast for Friday 08 Jan 2021

Weather: Overnight snow gradualy dying this morning. Dry this afternoon with some sunshine.

Chance of cloud free mountain/hill tops above 800m: 70% through much of the morning, increasing to 90%.

Visibility: Generally good but poor in any snow at first with cloud bases about 500m, some patches of low cloud lingering through the morning.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Friday 08 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	34/41 NE	35/42 NE	30/36 NE	23/29 NE	19/24 NE	16/20 NE	9/11 NE
600	24/30 N	22/28 N	18/25 NE	15/22 NE	12/18 NE	10/14 NE	6/9 NE
300	10/26 N	10/26 N	8/20 N	7/19 N	8/18 NE	6/14 NE	4/8 N
Valley	15/33 N	15/33 N	14/28 NE	14/25 N	13/22 N	9/16 NE	7/10 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-5/-15	-6/-16	-6/-16	-6/-14	-5/-13	-5/-12	-5/-10
600	-3/-11	-4/-12	-4/-11	-4/-10	-4/-10	-4/-10	-4/-8
300	-1/-6	-2/-7	-1/-5	-1/-6	-3/-7	-3/-7	-4/-6
Valley	1/-5	0/-5	1/-4	1/-4	0/-5	-0/-4	-0/-4
Freezing Level*	100m	00m	100m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Forecast for Saturday 09 Jan 2021
Weather: Dry and bright for daylight hours. Chance of a little rain or summit snow in the evening.

Maximum wind: Westerly 15 gust 20-25mph.

Chance of cloud free mountain/hill tops above 800m: High throughout daylight hours

Visibility: Good.

Temperature: **Valleys:** Minus 2 rising to plus 2 Celsius
At 800m: Minus 4 Celsius
Freezing level: 200m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 7 January 2021. Location: Helvellyn summit at 12:30. Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally, not leaving the village, town or city where they live. A wintery day on the fells with slow moving snow showers and light winds. The terrain was generally frozen at all levels with only a slow thaw in the valleys throughout the day. The snow coverage across the National Park is very localised with levels being around 400m on Helvellyn while Penrith just down the road at 150m was looking rather snowy this evening. Yesterdays sun has also had an effect with the snow level on south facing slopes being much higher. The snow pack is currently very shallow including at summit levels and this combined with a lot of ice on paths meant that Microspikes were incredibly useful today almost from the car park. This ice hazard was most obvious between 300m and 600m. Above this altitude it was mostly hidden beneath the snow giving a false sense of security which can catch out the unwary. Snow showers on light winds throughout the day have added a thin layer to the existing cover. There has been very little redistribution by the wind although some soft deep drifts were found which slowed progress. Away from the paths the snow was still generally very soft and unconsolidated. Striding Edge is buried under a thin layer of soft but helpful snow and rime ice. The easiest route is along the exposed crest as the paths on the flanks are beginning to bank out. Swirral Edge felt far more serious today especially in descent with deeper and more unstable snow. The Helvellyn plateau has a good covering of snow and ice and navigation was tricky in the cloud as landmarks and paths have been obscured. There were small unstable cornices above the east face which should be given a wide berth. Crampons and an ice axe were essential today along with microspikes at lower elevations. Full winter clothing, hats & gloves, appropriate navigation equipment, a survival bag and a torch should also be carried. Please be conservative with your plans and know your limits. Temperature: minus 3.4 C, Maximum wind speed 15.5 mph, Wind chill: minus 11.6 C, Average wind speed: 14.7 mph

Issued at: 02:08 on Fri 08 Jan 2021

(C) Crown Copyright 2021. All Rights Reserved